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Dated: May 19, 2009

Electronic Signature: /Greta E. Noland, Reg. #35,302/
(Greta E. Noland)

Docket No.: 30986/41551
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Preben Lexow

Application No.: 10/553,113

Confirmation No.: 1894

Filed: April 22, 2008

Art Unit: 1645

For: Method for Characterising Polynucleotides

Examiner: S. Chunduru

RESPONSE TO FIRST OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Office Action mailed on February 19, 2009 in the above-identified patent application. In the Office Action, various claim informalities were noted, additional sequence identifiers were required, claims 1-9 and 11-15 were rejected under 35 U.S.C. §102(b) and claim 10 was rejected under 35 U.S.C. §103(a). Reconsideration is respectfully requested in light of the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 8 of this paper.

Amendments to the Drawing begin on page 10 of this paper.

Remarks begin on page 12 of this paper.

Attachments include two replacement sheets respectively containing amended Figures 1 and 4.